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HDP/SB/21 based on PTO/SB/21 (08-00)

2857

<b>PTO TRANSMITTAL FORM</b> JAN 06 2003 to be used for all correspondence after initial filing PATENT & TRADEMARK OFFICE	Applicati n Number	09/712,596
	Filing Dat	11/14/2000
	First Nam d Inventor	Sean Harnett
	Group Art Unit	2857
	Examiner Name	Hal D. Wachsman
Total Number of Pages in This Submission	Attorney Docket Number	3197-000031/REA

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Return postcard.</b>
Remarks	The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Reg. No.
		Joseph M. Lafata	37,166
Signature			
Date	Jan 13, 2003		

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on the date indicated below.		
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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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msk

Application No.: 09/712,596

Filing Date: November 14, 2000

Applicant: Sean Harnett

Group Art Unit: 2857

Examiner: Hal D. Wachsman

Title: FUZZY LOGIC TUNING OF RF MATCHING NETWORK

Attorney Docket: 3197-000031/REA

#11/C  
1-31-03

Box Non-Fee Amendment  
Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**AMENDMENT**

Sir:

In response to the Office Action mailed October 16, 2002, please amend the application as follows and consider the remarks set forth below.

**IN THE SPECIFICATION**

Please replace the following paragraphs of the specification.

Please replace the paragraph starting at column 3, line 1, with the following paragraph:

C  
According to an aspect of this invention, a fuzzy logic method is employed for tuning an RF matching network of the type having an input at which is applied RF power

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